

ATTACHMENT ILLUSTRATED PARTS LIST



MASSEY FERGUSON
LAWN & GARDEN EQUIPMENT

AGCO

ATTACHMENT

Mfg. No. Description

1691979	Tiller Adaptor Kit Sovereign to Landlord
1693497	Tiller Adaptor Kit Sovereign to Landlord

Simplicity

MANUFACTURING, INC.
500 N Spring Street / PO Box 997
Port Washington, WI 53074-0997 USA

www.simplicitymfg.com

© Copyright 2002 Simplicity Manufacturing, Inc. All Rights Reserved.

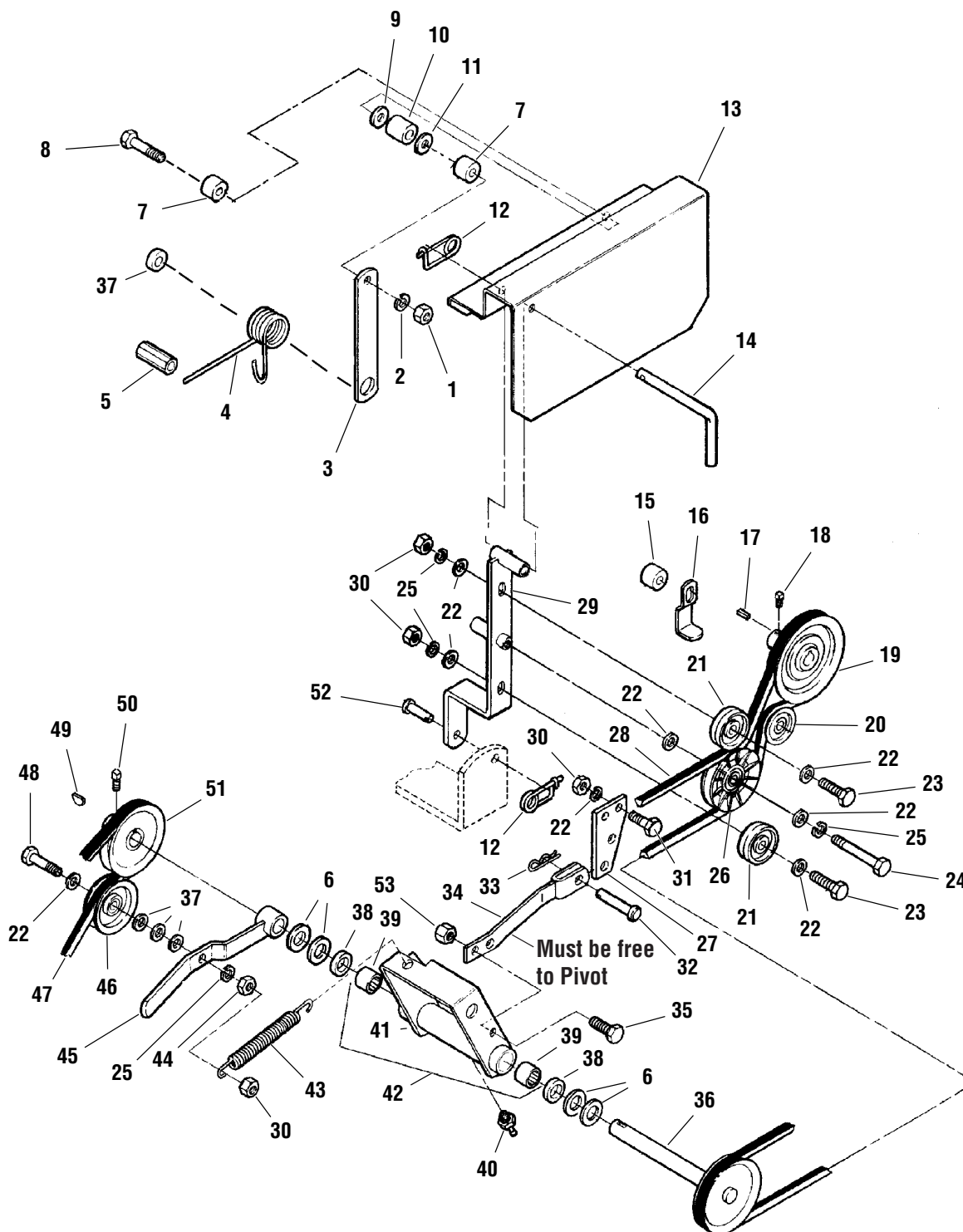
Rev. 03/2002

TP-400-2368-01-AT-SMA

36" Tiller Adaptor Kit

984263

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

- 1691979 Tiller Adaptor Kit Sovereign to Landlord
- 1693497 Tiller Adaptor Kit Sovereign to Landlord

Tiller Adaptor Kit

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1917372	1	NUT-HEX, 5/16-18
2	1917356	1	LOCKWASHER, 5/16
3	105359	1	SUPPORT, Rear Belt Guard
4	1707593	1	SPRING, Torsion
5	1707599	1	ANCHOR, Spring
6	105346	2	SPACER
7	1704716	2	SPACER
8	1923141	1	CAPSCREW, Hex Head, 5/16-18 x 2-3/4
9	960171	1	WASHER, Nylon
10	1666106	1	BUSHING
11	1919326	1	WASHER
12	176012	2	RETAINER PIN
13	1707564	1	COVER, Belt
14	1657562	1	ROD
15	1669999	1	SPACER
16	1708352	1	GUARD, Spring
17	157427	1	KEY
18	1960474	1	SCREW, Set Square Head, Cup Point, 3/8-16 x 1/2, G8
19	1706342	1	PULLEY, 9inch OD
20	1721133	1	PULLEY, Idler, 2-3/4 OD
21	1706511	2	PULLEY, Idler, 1-7/8 OD
22	1924940	10	WASHER
23	1921971	2	CAPSCREW, Hex Head, 3/8-16 x 1-3/4
24	1920415	1	CAPSCREW Hex Head, 3/8-16 x 1-1/4
25	1916965	6	LOCKWASHER, 3/8
26	1706510	1	PULLEY, Idler, 4 OD
27	1707265	1	ANCHOR, Jackshaft
28	1706512	1	V-BELT
29	1708961	1	SHAFT & SUPPORT ASSEMBLY
30	1960251	4	NUT, Hex Center Lock Jam, 3/8-16
31	1921210	2	CAPSCREW, Hex Head, 3/8-16 x 1
32	1960116	1	PIN, Yoke, Drilled
33	1960033	1	CLIP, Hair Pin
34	1706344	1	CLEVIS & BAR ASSEMBLY, Anchor
35	1921333	1	CAPSCREW, Hex Head, 5/16-18 x 1
36	1706362	1	PULLEY & SHAFT ASSEMBLY
37	1960160	4	WASHER
38	1611789	2	SEAL, Oil
39	171186	2	BEARING
40	912808	1	FITTING, LUBE
41	*	1	CLEVIS ASSEMBLY, (See Ref No. 42)
42	1708180	1	CLEVIS & HOUSING ASSEMBLY, w/ Bearings (Includes Ref. Nos. 39 & 40)
43	159159	1	SPRING, Extension
44	1916950	5	NUT, Hex, 3/8-16
45	1706508	1	ARM & HUB ASSEMBLY
46	1657712	1	PULLEY, Idler, 3-5/8 OD
47	1700059	1	V-BELT
48	1923701	1	CAPSCREW, Hex Head, 3/8-16 x 2
49	960403	1	KEY, WOODRUFF, #61
50	1928721	1	SCREW, Set, Square Head Cup Point, 5/16-18 x 1/2, G8
51	1706343	1	PULLEY & HUB ASSEMBLY
52	1708298	1	PIN, Round Head, Drilled
53	1923362	1	NUT, Hex Centerlock, 5/16-18

Footnotes:

The above parts group applies to the following Mfg. Nos.:

1691979 Tiller Adaptor Kit Sovereign to Landlord
1693497 Tiller Adaptor Kit Sovereign to Landlord

Hardware Identification & Torque Specifications

Common Hardware Types

Hex Head Capscrew



Washer



Carriage Bolt



Lockwasher



Hex Nut

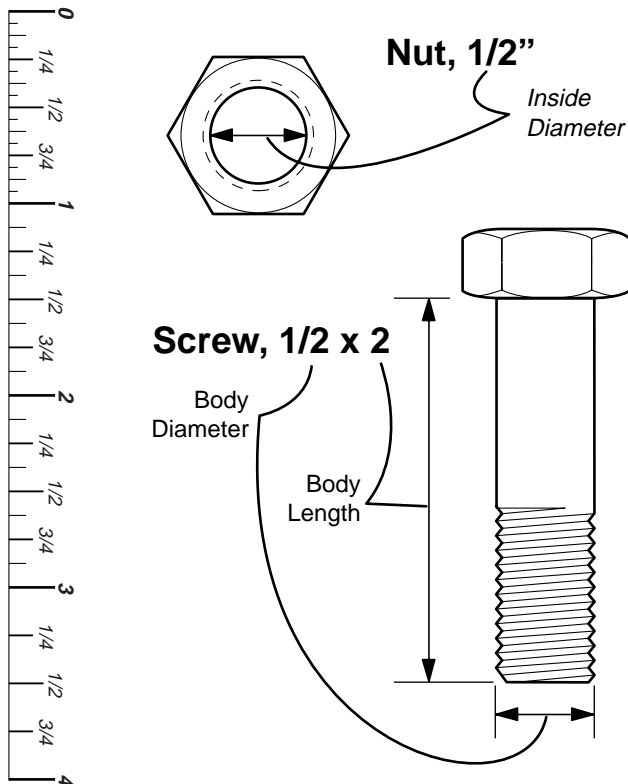


Standard Hardware Sizing

When a washer or nut is identified as **1/2"**, this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represents the *threads per inch*

When bolt or capscrew is identified as **1/2 - 16 x 2"**, this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.



Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance $\pm 20\%$)

Hardware Grade	No Marks SAE Grade 2		SAE Grade 5		SAE Grade 8	
	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	49	5.5	68	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	76	8.6	10	13.6	14	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	27	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525.0
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

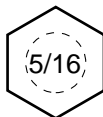
NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
 - for prevailing torque locknuts - use 65% of grade 5 torques.
 - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

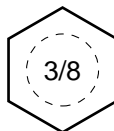
Wrench & Fastener Size Guide



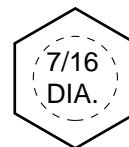
1/4" Bolt or Nut
Wrench—7/16"



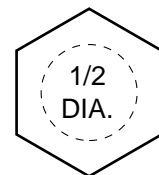
5/16" Bolt or Nut
Wrench—1/2"



3/8" Bolt or Nut
Wrench—9/16"



7/16" Bolt or Nut
Wrench (Bolt)—5/8"
Wrench (Nut)—11/16"



1/2" Bolt or Nut
Wrench—3/4"